

AMENDMENT

CLAIM OBJECTIONS

Remarks

Applicant respectfully submits a marked up version of the claims in compliance with 37 CFR 1.121(c). Please replace the section entitled "Version with markings to show changes made" which was included with the Responses to the Office Action filed July 12, 2003 with the attached sheets entitled "Claim Listing".

Examiner requires Applicant to submit a marked up version of the amended claims. Specifically, the Examiner stated:

"The amendment to the claims filed on 7/12/03 does not comply with the requirements of 37 CFR 1.121(c) which states:

(c) Claims. Amendments to a claim must be made by rewriting the entire claim with all changes (e.g. additions and deletions) as indicated in this subsection, except when the claim is being canceled. Each amendment document that includes a change to an existing claim, cancellation of an existing claim or addition of a new claim, must include a complete listing of all claims ever presented, including the text of all pending and withdrawn claims, in the application. The claim listing, including the text of the claims, in the amendment document will serve to replace all prior versions of the claims, in the application. In the claim listing, the status of every claim must be indicated after its claim number by using one of the following identifiers in a parenthetical expression: (original), (Currently amended), (Canceled), (Withdrawn), (Previously presented), (New), and (Not entered).

(1) Claim Listing. All of the claims presented in a claim listing shall be presented in ascending numerical order. Consecutive claims having the same status of "canceled" or "not entered" may be aggregated into one statement (e.g. Claims 1-5 (canceled)). The claim listing shall commence on a separate sheet of the amendment document and the sheet(s) that contain the text of any part of the claims shall not contain any other part of the amendment.

(2) When claim text with markings is required. All claims being currently amended in an amendment paper shall be presented in the claim listing, indicate a status of "currently amended," and be submitted with markings to indicate the changes

that have been made relative to the immediate prior version of the claims. The text of any added matter must be shown by underlining the added text. The text of any deleted matter must be shown by strike-through except that double brackets placed before and after the deleted characters may be used to show deletion of five or fewer consecutive characters. The text of any deleted subject matter must be shown by being placed within double brackets if strike through cannot be easily perceived. Only claims having the status of "currently amended," or "withdrawn" if also being amended, shall include markings. If a withdrawn claim is currently amended, its status in the claim listing may be identified as "withdrawn-currently amended."

(3) When claim text in clean version is required. The text of all pending claims not being currently amended shall be presented in the claim listing in clean version, i.e., without any markings in the presentation of text. The presentation of a clean version of any claim having the status of "original", "withdrawn", or "previously presented" will constitute an assertion that it has not been changed relative to the immediate prior version, except to omit markings that may have been present in the immediate prior version of the claims of the status of "withdrawn" or "previously presented". Any claim added by amendment must be indicated with the status of "new" and presented in clean version, i.e. without any underlining.

(4) When claim text shall not be presented; canceling a claim.

(i) No claim shall be presented in the claim listing with the status of "canceled" or "not entered"

(ii) Cancellation of a claim shall be effected by an instruction to cancel a particular claim number. Identifying the status of a claim in the claim listing as "canceled" will constitute an instruction to cancel the claim.

(5) Reinstatement of previously canceled claim. A claim which was previously canceled may be reinstated only by adding the claim as a "new" claim with a new claim number.

Since the reply filed on 7/12/03 appears to be *bona fide*, applicant is given a TIME PERIOD of **ONE (1) MONTH OR THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to submit an amendment in compliance with 37 CFR 1.121 in order to avoid abandonment. **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1/136(a).**"

Applicant is hereby submitting a Claims Listing in conformance with the requirements of 37 CFR 1.121. Applicant respectfully requests that the Examiner replace the previously submitted VERSION WITH MARKINGS TO SHOW CHANGES MADE included with the Response to the Office Action filed on 7/12/03 with the attached CLAIMS LISTING.

Should the Examiner have any questions or wish to discuss any aspect of the application, a telephone call to the undersigned would be welcome.

Respectfully submitted,

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CLAIM LISTING

CLAIMS

What is claimed is:

A golf putter comprising:

1. 1. (Original) A shaft with a top end and a bottom end, said top end enclosed by a grip
2. and said bottom end fixedly attached to a head at an angle ten degrees or greater
3. from a direction perpendicular to said head and a longitudinal axis extending
4. from said top end to said bottom end;
1. 2. (Currently amended) A head having mass, a center of gravity, a top face having an alignment
2. means, a bottom face having a narrow sole and rearwardly and upwardly
3. extending doze portion, a front striking face having a non radial curvature and a
4. sweet spot, a rear section sculpted [[having a cut out]] for concentrating said mass at a point of
5. attachment of a shaft, a heel section and a distal toe section ~~being made of a~~
5. ~~metallic or non-metallic material.~~
1. 3. (Withdrawn) The head of Claim 2 wherein said center of gravity is midway between
2. said heel and distal toe sections at a point along a longitudinal axis of a shaft.
1. 4. (Original) The head of Claim 2 wherein said top face has an alignment means
2. extending in a radial arc from said front face wherein a fulcrum of said arc is
3. centered at said center of gravity of said head and defines said sweet spot.
1. 5. (Original) The head of Claim 2 wherein said bottom face has a narrow sole.
1. 6. (Original) The head of Claim 2 wherein said bottom face has a rearwardly and
2. upwardly extending doze.
1. 7. (Original) The doze of Claim 6 wherein said doze extends upwardly and rearwardly
2. at an angle of greater than 10 degrees from a horizontal plane.
1. 8. (Original) The head of Claim 2 wherein said front striking face has a surface forming
2. a non- radial curvature vertically extending across said front striking face and a
3. non-radial curvature horizontally extending across said front striking face

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4 whereby when a golf ball having a surface is struck by said front striking face
5 surface, a one degree loft is imparted to said golf ball over a larger impact zone
6 regardless of where on said front striking surface said front striking surface
7 intersects said golf ball surface at a moment of impact.

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1. 9. (Original) The front striking face surface of Claim 8 wherein said vertically and
2. horizontally extending non-radial curvatures are defined by an arc derived from a
3. smoothing of a series of individual non-radial surfaces across said front striking
4. face.

1 10. (Original) The individual non-radial surfaces of Claim 9 whereby each non-radial
2 surface is defined by an non-radial curvature individually formulated to provide a
3 surface which when in contact with said golf ball surface imparts a one degree loft
4 to said golf ball regardless of where on said front striking face surface said front striking face surface
5 intersects said golf ball surface at a moment of impact.

1 11. (Currently amended) The rear section of Claim 2 wherein said sculpted rear section [[cut out]] removes
2 mass from said head whereby said center of gravity is concentrated at an entry point of said shaft
3 along said longitudinal axis of said shaft rearward of said front face, enabling a pendulum swing by a
4 golfer.

1 12. (Withdrawn) The entry point of Claim 11 wherein said entry point is located at a point
2 midway between said heel and said toe portions of said putter head.

1 13. (Original) The individual non-radial surfaces of Claim 9 whereby each non-radial
2 surface is defined by an non-radial curvature individually formulated to provide a
3 surface which when in contact with said golf ball surface imparts a one degree loft
4 to said golf ball regardless of where on said front striking face surface said front
5 striking face surface intersects said golf ball surface at a moment of impact.

A golf putter comprising:

1. 14. (Original) A shaft with a top end and a bottom end, said bottom end fixedly attached to a head and a
longitudinal axis extending from said top end to said bottom end;

15. (Original) A head having mass, a center of gravity, a top face having an alignment

2. means, a bottom face having a narrow sole and rearwardly and upwardly
3. extending doze portion, a front striking face having a non-radial curvature and a
4. sweet spot, a rear section and a distal toe section.

- 1 16. (Withdrawn) The head of Claim 15 wherein said center of gravity may be at any point
2 between said heel and distal toe sections along a longitudinal axis of said shaft.

- 1 17. (Original) The head of Claim 15 wherein said top face has an alignment means
2 extending in a non-radial arc from said front face wherein a fulcrum of said non-
3 radial arc is centered at said center of gravity of said head and defines said sweet
4 spot.

- 1 18. (Original) The head of Claim 15 wherein said bottom face has a rearwardly and
2 upwardly extending doze.

- 1 19. (Original) The doze of Claim 18 wherein said doze extends upwardly and rearwardly
2 at an angle of greater than 10 degrees from a horizontal plane.

- 1 20. (Original) The head of Claim 15 wherein said front striking face has a surface
2 forming a non- radial curvature vertically extending across said front striking face
3 and a one degree loft is imparted to said golf ball regardless of where on said
4 golf ball surface said front striking surface intersects said golf ball surface
5 at a moment of impact.

- 1 21. (Original) The front striking face surface of Claim 20 wherein said vertically and
2 horizontally extending radial curvatures are defined by an arc derived from a
3 smoothing of a series of individual non-radial surfaces across said front striking
4 face.

- 1 22. (Original) The individual non-radial surfaces of Claim 21 whereby each non-radial
2 surface is defined by an non-radial contour individually formulated to provide a
3 surface which when in contact with said golf ball surface imparts a one degree loft
4 to said golf ball regardless of where on said front striking face surface said front striking surface intersects
5 said golf ball surface at a moment of impact.

23. (Currently amended) The rear section of Claim 15 wherein said sculpted portion [[cut out]] removes mass from said head whereby said center of gravity is concentrated at an entry point of said shaft along said longitudinal axis of said shaft rearward of said front face, enabling a pendulum swing by a golfer.

24. (Original) The entry point of Claim 23 wherein said entry point is located at a point between said heel and said toe portions of said putter head.

25. (Withdrawn) The putter head of Claim 15 being composed of metallic or non-metallic materials.

A golf putter head comprising:

26. (Original) A head having a top face with an alignment means, a bottom face, a front striking face having a non-radial curvature, a sweet spot and a rear section.

27. (Original) The head of Claim 26 wherein said top face has an alignment means extending in a non-radial arc from said front face wherein a fulcrum of said non-radial arc defines said sweet spot.

28. (Original) The head of Claim 26 wherein said front striking face has a surface forming a non-radial curvature vertically extending across said front striking face and a one degree loft is imparted to said golf ball regardless of where on said front striking face surface said front striking surface intersects said golf ball surface at a moment of impact.

29. (Original) The front striking face surface of Claim 28 wherein said vertically and horizontally extending non-radial curvatures are defined by an arc derived from a smoothing of a series of individual non-radial contours across said front striking face.

30. (Original) The individual non-radial surfaces of Claim 29 whereby each non-radial surface is defined by a non-radial curve individually formulated to provide a surface which when in contact with said golf ball surface imparts a one degree loft to said golf ball regardless of where on said front striking face surface said front striking face surface intersects said golf ball surface at a moment of impact.